



Hymenopterid bites, stings, allergic reactions, and the impact of hurricanes on hymenopterid-inflicted injuries

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Abstract:

Hymenopterid stings and subsequent allergic reactions are a common indication for emergency department visits worldwide. Unrecognized anaphylactic reactions to hymenopterid stings by apids, or bees, and vespids, or wasps, are a significant cause of sudden and unanticipated deaths outdoors in young people, with and without atopic histories. Insect bites and stings, often complicated by allergic reactions or skin infections, by community-acquired pathogens, such as methicillin-resistant *Staphylococcus aureus*, are common sources of morbidity following hurricanes, tropical storms, and prolonged flooding. This article will review and critically analyze the descriptive epidemiology and outcomes of hymenopterid bites, stings, and allergic reactions, especially following hurricanes and prolonged flooding disasters; stratify the immunologic reactions to hymenopterid stings by clinical severity and outcomes; and present current recommendations for management, prophylaxis, and prevention of hymenopterid stings and reactions.

Source: Ask your librarian to help locate this item.

Resource Description

Communication:

resource focus on research or methods on how to communicate or frame issues on climate change; surveys of attitudes, knowledge, beliefs about climate change

A focus of content

Communication Audience:

audience to whom the resource is directed

Health Professional

Exposure :

weather or climate related pathway by which climate change affects health

Extreme Weather Event

Extreme Weather Event: Flooding, Hurricanes/Cyclones

Geographic Feature:

Climate Change and Human Health Literature Portal

resource focuses on specific type of geography

None or Unspecified

Geographic Location:

resource focuses on specific location

Global or Unspecified

Health Impact:

specification of health effect or disease related to climate change exposure

Injury, Other Health Impact

Other Health Impact: Hymenopterid stings

Intervention:

strategy to prepare for or reduce the impact of climate change on health

A focus of content

Medical Community Engagement:

resource focus on how the medical community discusses or acts to address health impacts of climate change

A focus of content

Mitigation/Adaptation:

mitigation or adaptation strategy is a focus of resource

Adaptation

Population of Concern: A focus of content

Population of Concern:

populations at particular risk or vulnerability to climate change impacts

Workers

Resource Type:

format or standard characteristic of resource

Research Article

Timescale:

time period studied

Time Scale Unspecified

Vulnerability/Impact Assessment:

resource focus on process of identifying, quantifying, and prioritizing vulnerabilities in a system

A focus of content

